STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

| Application Serial Number: | /0/506,630 |
|----------------------------|------------|
| Source: | PUTIO |
| Date Processed by STIC: | 4/21/05 |
| | '/'' |

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 4.2.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
 U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street,
 Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

| CRROR DETECTED | SUGGESTED CORRECTION SERIAL NUMBER: 10/506, 670 |
|-------------------------------------|--|
| ATTN: NEW RULES CASES: | PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE |
| | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping." |
| ·2Invalid Line Length | The rules require that a line not exceed 72 characters in length. This includes white spaces. |
| Misaligned Amino Numbering | The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead. |
| 4Non-ASCII | The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text. |
| 5Variable Length | Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing. |
| 6Patentin 2.0 "bug" | A "bug" in Patentin version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences. |
| 7Skipped Sequences (OLD RULES) | Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped |
| | Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. |
| 8Skipped Sequences (NEW RULES) | Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000 |
| 9Use of n's or Xaa's (NEW RULES) | Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if it is of Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents. |
| 10Invalid <213> Response | Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence |
| Use of <220> | Sequence(s) missing-the-<220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules) |
| Patentin 2.0 "bug" | Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk. |
| 13 Misuse of n/Xaa | "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid |
| _ | 0.0000000 |

AMC - Biotechnology Systems Branch - 09/09/2003



PCT

```
RAW SEQUENCE LISTING
                                                                                    DATE: 04/21/2005
                                                                                  TIME: 09:58:27
                             PATENT APPLICATION: US/10/506,630
                             Input Set : A:\30062-20046.01 - Seqlist (from parent .45).txt
                             Output Set: N:\CRF4\04212005\J506630.raw
        4 <110> APPLICANT: GOKHALE, Rajesh
                   TSUJI, Stuart
                   KHOSLA, Chaitan
        7
                   WU, Nicholas
                   CANE, David
       10 <120> TITLE OF INVENTION: METHODS TO MEDIATE POLYKETIDE SYNTHASE
                   MODULE EFFECTIVENESS
       13 <130> FILE REFERENCE: 300622004601
      15 <140> CURRENT APPLICATION NUMBER: US 10/506,630
C--> 16 <141> CURRENT FILING DATE: 2004-09-03
       18 <150> PRIOR APPLICATION NUMBER: PCT/US03/06910
       19 <151> PRIOR FILING DATE: 2002-03-04
       21 <150> PRIOR APPLICATION NUMBER: US 10/091,244
                                                                                              Boss Not Comply
       22 <151> PRIOR FILING DATE: 2002-03-04
                                                                                         Conscied Diskette Neede
       24 <150> PRIOR APPLICATION NUMBER: 60/361,758
      25 <151> PRIOR FILING DATE: 2002-03-04
       27 <160> NUMBER OF SEQ ID NOS: 41
       29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
ERRORED SEQUENCES
      55 <210> SEQ ID NO: 3
     58 <213> ORGANISM: Artificial Sequence

60 <220> FEATURE:
61 <223> OTHER INFORMATION: N-terminal linker of M3

63 <400> SEQUENCE: 3

64 Met Thr Asp Ser Glu Lys Val Ala Glu Tyr Leu Arg Arg Ala Thr Leu

65 1 5 10 15

66 Asp Leu Arg Ala Ala Arg Gln Arg Ile Arg Glu Leu Glu Ser Asp

67 20 25 30 misalized anxio acid

28 <210> SEQ ID NO: 18

239 <211> LENGTH: 18

240 <212> TYPE: PRT

241 <213> ORGANISM: Artificial Sequence

243 <220> FEATURE:

244 <223> OTHER INFORMATION: Intra-polypeptide linker

246 <400> SEQUENCE: 18

247 Gly Gly Ala The G3
      56 <211> LENGTH: 31
E--> 65 1 (5) 10
      247 Gly Gly Ala Thr Gly Ala Glu Gln Ala Ala Pro Ala Thr Thr Ala Pro `
E--> 248 1 5
                            10
                                         misaligned hos.
```

249 Val Asp

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/506,630

DATE: 04/21/2005 TIME: 09:58:27

Input Set : A:\30062-20046.01 - Seqlist (from parent .45).txt

Output Set: N:\CRF4\04212005\J506630.raw

1369 <210> SEQ ID NO: 41 1370 <211> LENGTH: 1099 1371 <212> TYPE: PRT 1372 <213> ORGANISM: Artificial Sequence 1374 <220> FEATURE: 1375 <223> OTHER INFORMATION: Alignment of the EryA SU 1377 <400> SEQUENCE: 41 1378 Lys Asp Ala Asp Asp Ile Ile Gly Met Ala Phe Gly Val His Asn Gly 1380 Glu Leu Glu Phe Ile Val Gly Arg Gly Asp Ala Val Thr Glu Met Thr 20 1382 Asp Leu Asp Ala Leu Phe Asp Pro Asp Pro Gln Arg His Gly Thr Ser 1383 35 40 1384 Tyr Ser Arq His Ala Phe Leu Asp Gly Ala Asp Ala Ala Ile Ser Leu 1386 Met Gln Val Thr Thr Leu Phe Asn Ile Asp His Ser Arg Gly Ser Asp 1387 65 70 1388 Leu Ala Ala Tyr Gln Gly Gln Asp Ala Val Val Pro Glu Asp Ser 1390 Glu Leu Leu Thr Asn Ser Ser Ala Val Val Ala Val Leu Leu Ala Val 105 100 1392 Thr Ser Val Ala Leu Ser Cys Gly Ser Asp Gly Asp Cys Gly Leu Val 1393 115 120 1394 Ala Val Ser Ala Gly Glu Val Phe Thr Glu Ser Arg Gln Gly Gly Ala 1395 130 135 1396 Val Cys Ala Ser Ala Glu Asp Gly Phe Ala Val Ala Val Leu Gln 1397 145 150 155 1398 Arg Asp Arg Ala Arg Gln Gly Val Val Ala Ser Leu Gln Ala Ser Val 165 170 1400 Ala Gln Arg Lys Trp Ala Arg Ala Ile Thr Gly Ala Val Ala Val Arg 180 185 1402 Val Ala Ser Leu Ala Thr Lys Ser Gly Ser Ser Gly Val Leu Leu Ser 200 205 1404 Ile Ala Val Ala Ile Val Val Gly Leu Asn Arg Leu Val Pro Met Cys 215 220 1406 Arg Gly Arg Ser Pro Leu Ile Glu Ser Ser Gly Val Glu Leu Ala Glu 230 235 1408 Ala Val Ser Pro Pro Pro Ala Ala Asp Gly Val Gly Ala Val Val Ile 250 245 1410 Ala Pro Glu Pro Glu Pro Leu Pro Glu Pro Gly Pro Val Gly Val Leu 260 265 . 270 1412 Ala Ala Ala Asn Ser Val Val Leu Leu Ala Arg Thr Glu Thr Ala Leu 1413 275 280 285 1414 Ala Arq Leu Leu Glu Ser Ala Val Asp Asp Ser Val Pro Leu Thr Ala 295 1416 Leu Ala Ser Ala Leu Thr Gly Ala His Leu Pro Arg Ala Leu Ile Ala 1418 Gly Asp His Glu Gln Leu Arg Gly Gln Arg Ala Val Glu Val Ala Ala 330 325





PATENT APPLICATION: US/10/506,630

DATE: 04/21/2005 TIME: 09:58:27

Input Set : A:\30062-20046.01 - Seqlist (from parent .45).txt

Output Set: N:\CRF4\04212005\J506630.raw

| 1420 1421 | Pro | Gly | Ala | Thr | Thr | Gly | Thr | Ala | Ser 345 | Ala | Gly | Gly | Val | Val 350 | Phe | Val |
|--------------|----------|----------|-----|-------|-------|-----------|------|-----|------------|----------|------------|------|------|------------|-------------|------|
| 1422 | 71- | C1 | 77- | | C1., | C0~ | 17.7 | Dxo | | Cox | т10 | 717 | G1., | | 77.5 | 1721 |
| | Ата | Giu | | Arg | GIY | Ser | vai | 360 | Giu | Ser | 116 | AIa | 365 | Asp | AIa | Vai |
| 1423 | . | 0 | 355 | **- 1 | 7 T - | 63 | Dl | | n 1 - | 0 | a 1 | 77-7 | _ | a 1 | 01 = | 7 |
| 1424 | ьeu | | GIU | vaı | Ala | GIY | | Ser | Ala | ser | GIU | | ьeu | GIU | GIII | Arg |
| 1425 | | 370 | | _ | _ | _ | 375 | _ | • | - | _ | 380 | | | - | _ |
| 1426 | | Asp | Ala | Pro | Ser | | Glu | Asp | Val | Val | | Ser | Val | Met | Val | |
| 1427 | | | | | _ | 390 | | _ | _ | _ | 395 | | | | | 400 |
| 1428 | Leu | Gly | Ala | Cys | Val | Ser | Ser | Ile | Gln | | Val | Ala | Val | Leu | | Leu |
| 1429 | | | | | 405 | | | | | 410 | | | | | 415 | |
| 1430 | Glu | Asp | Gly | Val | Arg | Val | Val | Ala | Leu | Arg | Ala | Lys | Ala | Leu | Arg | Ala |
| 1431 | | | | 420 | | | | | 425 | | | | | 430 | | |
| 1432 | Leu | Ala | Gly | Arg | Gly | Gly | Val | Ser | Leu | Ala | Ala | Pro | Gly | Glu | Arg | Ala |
| 1433 | | | 435 | | | | | 440 | | | | | 445 | | | |
| 1434 | Arg | Ala | Leu | Ile | Ala | Pro | Trp | Glu | Asp | Arg | Ile | Ser | Val | Ala | Ser | Ser |
| 1435 | | 450 | | | | | 455 | | | | | 460 | | | | |
| 1436 | Ser | Val | Val | Val | Ser | Asp | Pro | Glu | Ala | Leu | Ala | Glu | Leu | Val | Ala | Arg |
| 1437 | 465 | | | | | 470 | | | | | 475 | | | | | 480 |
| 1438 | Cys | Glu | Asp | Glu | Gly | Val | Arg | Ala | Lys | Thr | Leu | Pro | Asp | Tyr | Ser | Ser |
| 1439 | | | | | 485 | | | | | 490 | | | | | 495 | |
| 1440 | Arg | His | Val | Glu | Glu | Ile | Arg | Glu | Thr | Ile | Leu | Ala | Asp | Leu | Asp | Gly |
| 1441 | | | | 500 | | | | | 505 | | | | | 510 | | |
| 1442 | Ile | Ser | Ala | Arg | Arg | Ala | Ala | Ile | Pro | Leu | Tyr | Thr | Leu | His | Gly | Glu |
| 1443 | | | 515 | | | | | 520 | | | | | 525 | | | |
| 1444 | Arg | Arg | Asp | Gly | Ala | Asp | Met | Gly | Pro | Arg | Tyr | Asp | Asn | Leu | Ser | Gln |
| 1445 | | 530 | | | | | 535 | | | | | 540 | | | | |
| 1446 | Arg | Asp | Glu | Val | Ser | Ala | Ala | Val | Ala | Asp | His | Ala | Thr | Val | Met | Pro |
| 1447 | 545 | | | | | 550 | | | | | 555 | | | | | 560 |
| 1448 | Val | Ile | Thr | Ala | Ala | Val | Gln | Glu | Ile | Ala | Ala | Asp | Ala | Val | Ala | Ile |
| 1449 | | | | | 565 | | | | | 570 | | | | | 575 | |
| 1450 | Gly | Ser | His | Asp | Thr | Ala | Glu | Glu | His | Ile | Ile | Ala | Glu | Leu | Ala | Arg |
| 1451 | | | | 580 | | | | | 585 | | | | | 590 | | |
| 1452 | His | Val | His | Ala | Val | Asp | Trp | Arg | Asx | Val | Phe | Pro | Ala | Ala | Pro | Pro |
| 1453 | | | 595 | | | | | 600 | | | | | 605 | | | |
| 1454 | Val | Ala | Asn | Glu | Pro | Gln | Tyr | Leu | Ala | Pro | Glu | Val | Ser | Gln | Leu | Ala |
| 1455 | | 610 | | | | | 615 | | | | | 620 | | | | |
| 1456 | Asp | Ser | Arg | Arg | Val | Asp | Arg | Pro | Leu | Ala | Thr | Thr | Pro | Val | Asp | Leu |
| 1457 | | | _ | | | 630 | | | | | 635 | | | | | 640 |
| 1458 | Glu | Gly | Gly | Phe | Val | His | Gly | Ser | Ala | Pro | Glu | Ser | Leu | Thr | Ser | Ala |
| 1459 | | _ | _ | | 645 | | _ | | | 650 | | | | | 655 | |
| 1460 | Val | Glu | Lys | Ala | Gly | Arg | Val | Val | Pro | Val | Ala | Ser | Ala | Asp | Arg | Glu |
| 1461 | | | - | 660 | - | | | | 665 | | | | | 670 | _ | |
| 1462 | Ala | Ser | Ala | Ala | Leu | Arg | Glu | Val | Pro | Gly | Glu | Val | Ala | Gly | Leu | Val |
| 1463 | | | 675 | | | | | 680 | | - | | | 685 | - | | |
| 1464 | His | Thr | | Ala | Ala | Thr | His | | Ala | His | Gln | Ser | Leu | Gly | Glu | Ala |
| 1465 | | 690 | - | | | | 695 | | | | | 700 | | • | | |
| 1466 | Glv | | Arg | Ala | Pro | Leu | | Leu | Val | Ser | Ara | | Leu | Gly | Glu | Ser |
| 1467 | _ | | , | - | _ | 710 | • | · | | | 715 | | | 4 | | 720 |
| 1468 | | Pro | Val | asA | Pro | | Gln | Ala | Met | Val | | Leu | Glv | Ara | Val | |
| | | | | T. | | | | | | | - I- | | 4 | | | |



RAW SEQUENCE LISTING DATE: 04/21/2005
PATENT APPLICATION: US/10/506,630 TIME: 09:58:27

Input Set : A:\30062-20046.01 - Seqlist (from parent .45).txt

Output Set: N:\CRF4\04212005\J506630.raw

| 1469 | | | | | 725 | | | | | 730 | | | | | 735 | |
|--------------|----------|------|------|-------|------|------|------|------|------|------|-----------|--------|-------|------------|------|-----------|
| 1470 | Clv | Lou | ጥክዮ | Dro | | Ara | Trn | G] v | Glv | | t/a l | T.e.11 | Pro | Δla | | Pro |
| | Gry | пец | 1111 | 740 | Giu | Arg | тър | Gry | 745 | шец | vai | ncu. | 110 | 750 | 0 | |
| 1471 1472 | ח ד ת | Dva | C1 | | C1++ | C1., | 71- | Dho | | Cvc | Lou | Clv | בות | | Gl v | Hic |
| | Ala | PLO | | ASP | GTA | GIU | MIA | | vai | Cys | пеп | Gry | 765 | тэр | Gry | 1113 |
| 1473 | ~1 | • | 755 | **- 1 | T1_ | 7 | TT2 | 760 | 7 | т | ~1 | 7 | | 17-1 | 7~~ | 71- |
| 1474 | GIU | | GIN | vaı | ше | Asp | | Ala | Arg | Tyr | GIY | | ьец | val | Arg | Ala |
| 1475 | _ | 770 | | | _ | | 775 | _ | _ | | | 780 | ••• • | ~ 3 | ml | ~1 |
| 1476 | | Leu | GLY | Thr | Arg | | Ser | Ser | Trp | GIu | | Ата | vaı | GIY | Thr | |
| 1477 | | | | | _ | 790 | • | | _ | _ | 795 | | _ | | | 800 |
| 1478 | Ala | Leu | Gly | His | | Ala | His | Ala | Arg | | Val | Glu | Asp | Val | | Ser |
| 1479 | | | | | 805 | _ | | _ | _ | 810 | | | | | 815 | |
| 1480 | Arg | Arg | Gly | Val | Asp | Ala | Pro | Gly | | Ala | Glu | Glu | Ala | | Leu | Val |
| 1481 | | | | 820 | | | | | 825 | | | | | 830 | _ | |
| 1482 | Ala | Ile | Ala | Lys | Thr | Thr | Ile | Thr | Cys | Val | Ala | Asp | Arg | Glu | Gln | Leu |
| 1483 | | | 835 | | | | | 840 | | | | | 845 | | | |
| 1484 | Ser | Lys | Leu | Leu | Glu | Glu | | Arg | Gly | Gln | Gly | Arg | Pro | Val | Arg | Thr |
| 1485 | | 850 | | | | | 855 | | | | | 860 | | | | |
| 1486 | Val | Val | Thr | Ala | Gly | Val | Pro | Glu | Ser | Arg | Pro | Leu | His | Glu | Ile | Gly |
| 1487 | | | | | | 870 | | | | | 875 | | | | | 880 |
| 1488 | Glu | Leu | Glu | Ser | Val | Cys | Ala | Ala | Val | Thr | Gly | Ala | Arg | Leu | Asp | Leu |
| 1489 | | | | | 885 | | | | | 890 | | | | | 895 | |
| 1490 | Cys | Pro | Asp | Ala | Glu | Thr | His | Val | Leu | Phe | Gly | Gly | Val | Trp | Gly | Ser |
| 1491 | | | | 900 | | | | | 905 | | | | | 910 | | |
| 1492 | Ala | Asn | Leu | Gly | Ala | Ser | Ala | Ala | Asn | Ala | Tyr | Asp | Ala | Leu | His | Arg |
| 1493 | | | 915 | | | | | 920 | | | | | 925 | | | |
| 1494 | Arg | Ala | Glu | Arg | Ala | Ala | Thr | Ser | Val | Ala | Gly | Ala | Gly | Glu | Gly | Met |
| 1495 | | 930 | | | | | 935 | | | | | 940 | | | | |
| 1496 | Ala | Thr | Gly | Asp | Leu | Glu | Gly | Leu | Thr | Arg | Arg | Leu | Arg | Pro | Met | Ala |
| 1497 | 945 | | | | | 950 | | | | | 955 | | | | | 960 |
| 1498 | Pro | Glu | Arg | Ile | Arg | Ala | Leu | His | Gln | Ala | Asp | Asn | Gly | Asp | Thr | Cys |
| 1499 | | | | | 965 | | | | | 970 | | | | | 975 | |
| 1500 | Val | Ser | Ile | Ala | Asp | Val | Asp | Trp | Glu | Ala | Phe | Ala | Val | Gly | Phe | Thr |
| 1501 | | | | 980 | | | | | 985 | | | | | 990 | | |
| 1502 | Ala | Arg | Pro | Arg | Pro | Leu | Leu | Asp | Glu | Leu | Val | Thr | Pro | Ala | Val | Gly |
| 1503 | | | 995 | | | | | 1000 | | | | | 1009 | | | |
| 1504 | Ala | Val | Pro | Ala | Val | Gln | Ala | Pro | Ala | Arg | Glu | Met | Thr | Ser | Gln | Glu |
| 1505 | | 1010 | | | | | 1019 | | | | | 1020 | | | | |
| 1506 | Leu | Glu | Phe | Thr | His | Ser | His | Val | Ala | Ile | Leu | His | Ser | Ser | Pro | Asp |
| 1507 | 1025 | 5 | | | | 1030 |) | | | | 103 | 5 | | | | 1040 |
| 1508 | Ala | Val | Gly | Gln | Asp | Gln | Pro | Thr | Glu | Phe | Leu | Thr | Val | Gly | Asn | Gln |
| 1509 | | | | | 104 | | | | | 1050 | | | | | 1059 | |
| 1510 | Leu | Gln | Gln | Ala | Thr | Leu | Ala | Leu | Pro | Ala | Thr | Leu | Val | Phe | Glu | Thr |
| 1511 | | | | 1060 |) | | | | 1069 | 5 | | | | 1070 |) | |
| 1512 | Val | Arg | Arg | Leu | Asp | His | Ile | Gly | Gln | Gln | Asp | Ser | Gly | Thr | Pro | Ala |
| 1513 | | _ | 1079 | | _ | | | 1080 | | | | | 1089 | | | |
| 1514 | Arg | Glu | Ala | Ser | Ser | Ala | Leu | Arg | Asp | Gly | Tyr | | | | | |
| 1515 | _ | 1090 | | | | | 109 | | | | | | | | | |
| 1549(| <i>-</i> | Λ | Λα | | | | | | | | | | | | | |
| ' | | No. | V.t. | 1 | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | |

E-->

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/506,630

DATE: 04/21/2005

TIME: 09:58:28

Input Set : A:\30062-20046.01 - Seqlist (from parent .45).txt

Output Set: N:\CRF4\04212005\J506630.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:65 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3

M:332 Repeated in SeqNo=3

L:248 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18 L:1549 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:41